



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY



1110 West Washington Street Phoenix, Arizona 85007
(602) 771-2300 www.azdeq.gov

SUBMISSION OF APP - CONTINGENCY REPORT(S)

LTF #: 71814

SUBMISSION DATE: 04/24/2020

Main Office

1110 W. Washington Street . Phoenix, AZ 85007
(602)771-2300

Southern Regional Office

400 W. Congress Street . Suite 433 . Tucson, AZ 85701
(520)628-6733

www.azdeq.gov

INCIDENT(S) SUMMARY

Facility ID: 143267

Facility Name: RESOLUTION WEST PLANT SITE REUSE PROJECT

Facility Address: 102 W MAGMA HEIGHTS DR SUPERIOR, AZ 85173

INC10992 | Forest Fire Damage to Pipeline Released Treated Mine Water

What type of incident are you reporting? Operational/Other

Incident Information:

Incident ID: INC10992

Incident Type: Unauthorized Discharge

Occurrence Date: 04/21/2020

Occurrence Time: 7:30 PM

Duration of Occurrence: 10 HOURS

Date You Became Aware of Incident: 04/21/2020

Estimated Time to Resolution: 10 HOURS

Incident Title: Forest Fire Damage to Pipeline Released Treated Mine Water

Incident Description: Treated mine de-watering water is sent via pipeline from Resolutions's water treatment plant (WTP) near Superior to the NMIDD near San Tan Valley. The pipeline is an 18-inch line constructed of HDPE, which follows a 27 mile right-of-way corridor along the MARRCO railroad line. A forest fire, which started on April 21, 2020 migrated toward the pipeline resulting in the pipeline burning. The pipeline released an estimated 480,000 gallons of treated mine water to the ground surface approx 9 miles west of Resolution Copper. The release occurred during the evening of April 21, 2020 and upon learning of the damages to the pipeline, the WTP was shut down. The exact time the release started is unknown due the remote proximity of the pipeline. Based on recent sampling of the treated mine water, the released water was within permit limits and no RQ's were associated with the release. The released water appeared to infiltrate, with minimal ponding.

Are there any known or potential impacts to public health?:

- No Potential Impact

Description: No known impacts to public health, the area was remote, based on recent sampling the released water was within permit limits and no RQ's were associated with the release. No identified domestic or drinking water wells were within a one-mile radius of the release area.

Are there any known or potential environmental impacts?:

- No Potential Impact

Description: No known impacts to public health, the released water was within permit limits and no RQ's were associated with the release.

Were potentially impacted users (property owners, facilities, drinking water systems) notified?: Yes

Description: The release occurred on US Forest Service lands and the US Forest Service was notified of the incident.

Is there reasonable potential for an AWQS exceedance?: No

Description: Based on recent sampling, the released water was within permit limits and no

Main Office

1110 W. Washington Street . Phoenix, AZ 85007
(602)771-2300

Southern Regional Office

400 W. Congress Street . Suite 433 . Tucson, AZ 85701
(520)628-6733

www.azdeq.gov

RQ's were associated with the release.

Do you have a 30-day contingency to report at this time?: No

Main Office

1110 W.Washington Street . Phoenix, AZ 85007
(602)771-2300

Southern Regional Office

400 W.Congress Street . Suite 433 . Tucson, AZ 85701
(520)628-6733

www.azdeq.gov

CERTIFICATION OF SUBMISSION

DARLA GAGE

You validated your identity by answering your personal security question and password on myDEQ at **07:07 AM** on **04/24/2020**. At this time, you certified the summary information above by checking that you agreed to the following statement:

Certify your submission:

By checking this box I certify under penalty of law that this submittal was prepared by me, or under my direction or supervision of personnel appropriately qualified to properly gather and evaluate the information submitted. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I understand that all information submitted to ADEQ is public record unless otherwise identified by law as confidential. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Pursuant to A.A.C R18-9-A207. Reporting Requirements

- A. A Permittee shall notify the Department within five days after becoming aware of a violation of a permit condition or that an alert level was exceeded. The permittee shall inform the Department whether the contingency plan described in R18-9-A204 was implemented.
- B. In addition to the requirements in subsection (A), a permittee shall submit a written report to the Department within 30 days after the permittee becomes aware of a violation of a permit condition [...].

Pursuant to A.A.C. R18-9-A206. Monitoring Requirements

A. Monitoring

- 1. The Department shall determine whether monitoring is required to assure compliance with Aquifer Protection Permit conditions and with the applicable Aquifer Water Quality Standards established under A.R.S. §§ 49-221, 49-223, 49-241 through 49-244, and 49-250 through 49-252.
- 2. If monitoring is required, the Director shall specify to the permittee:
 - a. The type and method of monitoring;
 - b. The frequency of monitoring;
 - c. Any requirements for the installation, use, or maintenance of monitoring equipment; and
 - d. The intervals at which the permittee reports the monitoring results to the Department [...].

Main Office

1110 W.Washington Street . Phoenix, AZ 85007
(602)771-2300

Southern Regional Office

400 W.Congress Street . Suite 433 . Tucson, AZ 85701
(520)628-6733

www.azdeq.gov

Victoria Boyne

From: ResolutionProjectRecord
Subject: FW: [External] FW: Concerned citizen at queen valley
Attachments: 71814_Summary_COR.PDF

From: Peacey, Victoria (RC) <Victoria.Peacey@riotinto.com>
Sent: Wednesday, April 29, 2020 1:43 PM
To: Rasmussen, Mary C -FS <mary.rasmussen@usda.gov>
Cc: Scaggs, John - FS <john.scaggs@usda.gov>; Thomas, Marianne -FS <marianne.thomas@usda.gov>; Chris Garrett <cgarrett@swca.com>; Donna Morey <dmorey@swca.com>; matthew.lane@usda.gov; benjamin.harrold@usda.gov; Ballard, Kami (RC) <Kami.Ballard@riotinto.com>; Morissette, Mary (RC) <Mary.Morissette@riotinto.com>
Subject: RE: [External] FW: Concerned citizen at queen valley

EXTERNAL: This email originated from outside SWCA. Please use caution when replying.

Hello Mary,

The 5-day report was submitted to ADEQ via myDEQ. The report and the confirmation of receipt is attached with the report details.

Please let me know if you have any additional questions.

Thanks,

Vicky Peacey
Senior Manager Permitting and Approvals

RESOLUTION
COPPER

102 Magma Heights
Superior, AZ 85173, United States
T: +1 520.689.3313 M: +1 520.827.1136
Victoria.peacey@riotinto.com www.resolutioncopper.com